



Product Evaluation

WIN2239 | 0917

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2239

Effective Date: September 1, 2017

Re-evaluation Date: June 2020

Product Name: Series 8520 Vinyl Casement Window, Fin Installation, Impact Resistant

Manufacturer: Milgard Manufacturing, Inc.
1010 54th Avenue East
Tacoma, WA 98424
(253) 896-7631

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8360 Vinyl Casement Window	C-C40 32 X 60 Missile Level D	+40 / -40 psf

Product Dimensions:

System	Overall Size	Vent Size
1	32" x 60"	30-3/4" x 58-3/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MG-1
	Product Name	8520 Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 AAMA 506; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Fin Installation
	Wall Framing	Southern Yellow Pine Dimension Lumber
	Fasteners	No. 8 x 1-5/8" screws
	Fastener Location/Spacing	Located the fasteners approximately 8" from each corner and 8" on center along the perimeter of the window
	Fastener Penetration	Minimum 1-1/2" penetration into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.